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FORM PTO-1449	ATTY. DKT NO.	1-103-CON4	SER. NO.
	APPLICANT	MAMITSU et al.	
	FILING DATE	N v. 4, 2003	GROUP

REFERENCE DESIGNATION

U.S. PATENT DOCUMENTS

EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUB CLASS
	5,708,299	Jan. 13, 1998	Teramae et al		
	6,072,240	June 6, 2000	Kimura et al		
	5,248,853	Sep. 28, 1993	Ishikawa et al		
	5,801,445	Sep. 1, 1998	Ishihara et al		
	5,229,646	Jul. 20, 1993	Tsuruura		
	4,558,345	Dec. 10, 1985	Dwyer et al		
	4,546,374	Oct. 8, 1985	Olsen et al		
	4,984,061	Jan. 8, 1991	Matsumoto		
	5,481,137	Jan 2, 1996	Harada et al.		
	4,827,082	May 2, 1989	Horiuchi et al		
	4,538,170	Aug. 27, 1985	Yerman		

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TRANSLATION

DOCUMENT NUMBER	DATE	COUNTRY	NAME	CLASS	SUB CLASS	YES	NO
EP0660396	12/24/93	Europe					
EP0450980	4/05/91	Europe					
6-291223	10/94	JAPAN					
3-20067	01/91	JAPAN					
2146174	11/85	GB					

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	Takamura, "Electronic Technology", pp. 56-59 (1999-5).
	Johnson et al., "Silicon Precipitate Nodule-Induced Failures of MOSFETS", ISTFA '91 (Nov. 11-15, 1991), pp. 161-165.
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DATE CONSIDERED

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EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUB CLASS
<i>[initials]</i>	4,646,129	Feb. 24, 1987	Yerman et al		
<i>[initials]</i>	4,141,030	Feb. 20, 1979	Eisele et al		
<i>[initials]</i>	6,448,645	Sep. 10, 2002	Kimura		
<i>[initials]</i>	6,538,308	Mar. 25, 2003	Nakase		
<i>[initials]</i>	6,380,622	Apr. 30, 2002	Hirai		
<i>[initials]</i>	09/675,209	Filed Sept. 29, 2000	Suzuki		
<i>[initials]</i>	5,221,851	Jun. 22, 1993	Gobrecht et al.		

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<i>[initials]</i>	4-249353	9/92	JAPAN					
<i>[initials]</i>	11-260979	09/99	JAPAN					
<i>[initials]</i>	4-27145	01/92	JAPAN					
<i>[initials]</i>	9-148492	06/97	JAPAN					
<i>[initials]</i>	4-12555	01/92	JAPAN					
<i>[initials]</i>	4-103150	04/92	JAPAN					
<i>[initials]</i>	60-137042	07/85	JAPAN					
<i>[initials]</i>	5-109919	04/93	JAPAN					
<i>[initials]</i>	61-166051	07/86	JAPAN					
<i>[initials]</i>	2-117157	05/90	JAPAN					
<i>[initials]</i>	63-102326	05/88	JAPAN					

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EXAMINER <i>[Signature]</i>	DATE CONSIDERED 7/2/03

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EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUB CLASS
<i>JBB</i>	5,990,550	Nov. 23, 1999	Umezawa		
<i>JBB</i>	5,608,610	Mar. 4, 1997	Brzezinski		
<i>JBB</i>	5,396,403	Mar. 7, 1995	Patel		
<i>JBB</i>	5,293,301	Mar. 8, 1994	Tanaka et al.		
<i>JBB</i>	5,641,997	June 24, 1997	Ohta et al.		
<i>JBB</i>	5,789,820	Aug. 4, 1998	Yamashita		

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<i>JBB</i>	60-235430	11/85	JAPAN						
<i>JBB</i>	07-240432	9/95	JAPAN						
<i>JBB</i>	8-45874	2/96	JAPAN						
<i>JBB</i>	60-95947	05/85	JAPAN						
<i>JBB</i>	61-265849	11/86	JAPAN						
<i>JBB</i>	62-141751	06/87	JAPAN						
<i>JBB</i>	63-096946	04/88	JAPAN						
<i>JBB</i>	62-92349	4/87	JAPAN						
<i>JBB</i>	62-287649	12/87	JAPAN						
<i>JBB</i>	59-38734	09/84	JAPAN						
<i>JBB</i>	01-228138	09/89	JAPAN						
<i>JBB</i>	54-40569	03/79	JAPAN						
<i>JBB</i>	61-251043	11/86	JAPAN						
<i>JBB</i>	54-95183	07/79	JAPAN						

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EXAMINER <i>Koyle</i>	DATE CONSIDERED 7/2/04

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	2002/0158333	Oct. 31, 2002	Teshima		
	S/N 10/201556	July 24, 2002	Hirano et al.		
	5726466	March 10, 1998	Nishitani		
	4,470,063	Sep. 4, 1984	Arakawa et al.		
	5,708,299	Jan. 13, 1998	Teramae et al		

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	07-038013	02/95	JAPAN					
	07-273276	10/95	JAPAN					
	08-191145	07/96	JAPAN					
	2000-91485	03/00	JAPAN					
	W098/12748	3/26/98	PCT					
	JP-A-5-283562 *	10/29/93	JAPAN				X	
	JP-A-6-349987 *	12/22/94	JAPAN				X	
	JP-A-7-45765 *	2/14/95	JAPAN				X	
	JP-A-11-186469 *	7/9/99	JAPAN				X	
	JP-A-2000-31351 *	1/28/00	JAPAN				X	
	JP-A-2001-118961 *	4/27/01	JAPAN				X	

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EXAMINER	DATE CONSIDERED 8/7/04	